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SEP 30 2004

Technology Center 2600

Patent

Case No.: 57013US002

32692

Customer Number

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: CROSS, ELISA M.

Application No.: 10/017268

Group Art Unit: 2673

Filed: December 14, 2001

Examiner: Unknown

Title: TOUCH PANEL SPACER DOTS AND METHODS OF MAKING

REQUEST AND FEE TO AMEND INVENTORSHIP UNDER 37 C.F.R. § 1.48(A)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on:

9-16-04
Date

Heather M. Bundy
Signed by: Heather M. Bundy

Dear Sir:

Applicant hereby requests that Bruce A. Nerad be added as an inventor in the above-mentioned application.

Also included herewith is:

1. Statement of Added Inventor Bruce A. Nerad under 37 C.F.R. § 1.48 (a)(2);
2. New executed Declaration, Power of Attorney, and Petition executed by the inventors as required by 37 C.F.R. §1.48 (a)(3);
3. Newly executed Assignment and Recordation Cover Sheet; and
4. Consent of Assignee to Change Inventorship under 37 C.F.R. §1.48(a)(5).

Please charge the fee provided in 37 CFR § 1.17(i), and if necessary, charge any additional fees, or credit any overpayment to Deposit Account No. 13-3723. One copy of this sheet marked duplicate is also enclosed.

09/24/2004 FFAHAEIA 00000029 133723 10017268

01 FC:1460 130.00 DA

9-16-04
Date

Respectfully submitted,

By: Robert J. Pechman
Robert J. Pechman, Reg. No.: 45,002
Telephone No.: (651) 737-0631

Office of Intellectual Property Counsel
3M Innovative Properties Company
Facsimile No.: 651-736-3833

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Case No.: 57013US002

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: CROSS, ELISA M.

Application No.: 10/017268

Group Art Unit: 2673

Filed: December 14, 2001

Examiner: Unknown

Title: TOUCH PANEL SPACER DOTS AND METHODS OF MAKING

STATEMENT OF ADDED INVENTOR

BRUCE A. NERAD

UNDER 37 C.F.R. § 1.48(A)(2)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING

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9-16-04
Date

Heather M. Bundy
Signed by: Heather M. Bundy

Dear Sir:

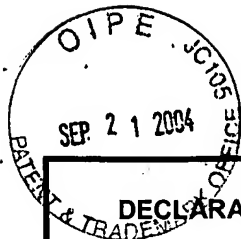
The accompanying Request and Fee to Amend Inventorship Under 37 C.F.R. § 1.48(a) names me as an added inventor. I hereby state that the error in inventorship occurred without deceptive intention on my part.

Respectfully submitted,

7/26/04
Date

By: Bruce A. Nerad
Bruce A. Nerad

Office of Intellectual Property Counsel
3M Innovative Properties Company
Facsimile No.: 651-736-3833



**DECLARATION AND POWER OF ATTORNEY,
FOR UTILITY OR DESIGN
PATENT APPLICATION (37 CFR § 1.63)**

☐ Declaration Submitted with Initial Filing ☒ Declaration Submitted after Initial Filing (surcharge 37 CFR § 1.16(e) required)

Case No:	57013US002
First Named Inventor:	Elisa M. Cross
COMPLETE IF KNOWN	
Application No.:	10/017268
Filing Date:	December 14, 2001
Art Unit:	2673
Examiner Name:	

RECEIVED
SEP 30 2004
Technology Center 2600

As a below named inventor, I hereby declare that my residence, mailing address, and citizenship are as stated below next to my name, and that I believe I am an original, first, and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TOUCH PANEL SPACER DOTS AND METHODS OF MAKING

The specification of which

☐ is attached hereto;

☒ was filed on **December 14, 2001**
As United States Application No.

10/017,268

☐ is identified as PCT International Application No.
filed on

and was amended on (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 USC §§ 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application No.	Country	Foreign Filing Date (MM/DD/YYYY)	Priority NOT Claimed	Certified Copy Attached	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

I hereby appoint Practitioners at Customer Number 32692 as my attorneys and/or agents with full powers (including the powers of appointment, substitution, and revocation) to prosecute this application and any division, continuation, continuation-in-part, reexamination, or reissue thereof, and to transact all business in the U.S. Patent and Trademark Office connected therewith.

**Customer Number for
Practitioner of Record: 32692**

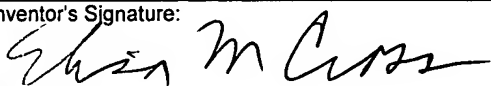
I also appoint the following Practitioners as my attorneys and/or agents with full powers (including the powers of appointment, substitution, and revocation) to prosecute this application and any division, continuation, continuation-in-part, reexamination, or reissue thereof, and to transact all business in the U.S. Patent and Trademark Office connected therewith: None

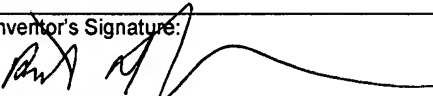
The mailing address and the telephone number of the above-identified attorneys and/or agents are that of Customer No. 32692.

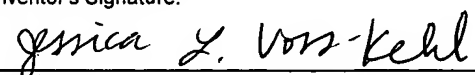
Inquiries regarding this application can be made to:

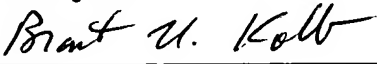
Attention: Robert J. Pechman
Office of Intellectual Property Counsel
3M Innovative Properties Company
Telephone No.: (651) 737-0631

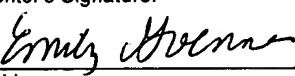
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 USC § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

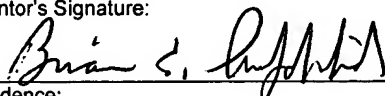
NAME OF SOLE OR FIRST INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor.	
Given Name (first and middle [if any]): Elisa M.		Family Name or Surname: Cross	
Inventor's Signature: 		Date: 8/30/04	
Residence: Woodbury, Minnesota	Country: USA	Citizenship: United States of America	
Mailing Address: P.O. Box 33427, St. Paul, Minnesota 55133-3427, USA			


NAME OF JOINT INVENTOR, IF ANY:		<input type="checkbox"/> A petition has been filed for this unsigned inventor.	
Given Name (first and middle [if any]): Robert S.		Family Name or Surname: Moshrefzadeh	
Inventor's Signature: 		Date: 8/10/2004	
Residence: Oakdale, Minnesota	Country: USA	Citizenship: United States of America	
Mailing Address: P.O. Box 33427, St. Paul, Minnesota 55133-3427, USA			


NAME OF JOINT INVENTOR, IF ANY:		<input type="checkbox"/> A petition has been filed for this unsigned inventor.	
Given Name (first and middle [if any]): Jessica L.		Family Name or Surname: Voss-Kehl	
Inventor's Signature: 		Date: 7/15/04	
Residence: Shoreview, Minnesota	Country: USA	Citizenship: United States of America	
Mailing Address: P.O. Box 33427, St. Paul, Minnesota 55133-3427, USA			

NAME OF JOINT INVENTOR, IF ANY:		<input type="checkbox"/> A petition has been filed for this unsigned inventor.	
Given Name (first and middle [if any]): Brant U.		Family Name or Surname: Kolb	
Inventor's Signature: 		Date: 8/27/04	
Residence: Afton, Minnesota	Country: USA	Citizenship: United States of America	
Mailing Address: P.O. Box 33427, St. Paul, Minnesota 55133-3427, USA			

NAME OF JOINT INVENTOR, IF ANY:		<input type="checkbox"/> A petition has been filed for this unsigned inventor.	
Given Name (first and middle [if any]): Emily S.		Family Name or Surname: Goenner	
Inventor's Signature: 		Date: 8/30/04	
Residence: Roseville, Minnesota	Country: USA	Citizenship: United States of America	
Mailing Address: P.O. Box 33427, St. Paul, Minnesota 55133-3427, USA			

NAME OF JOINT INVENTOR, IF ANY:		<input type="checkbox"/> A petition has been filed for this unsigned inventor.	
Given Name (first and middle [if any]): Brian E.		Family Name or Surname: Aufderheide	
Inventor's Signature: 		Date: 9/7/04	
Residence: Cedarburg, Wisconsin	Country: USA	Citizenship: United States of America	
Mailing Address: P.O. Box 33427, St. Paul, Minnesota 55133-3427, USA			

NAME OF JOINT INVENTOR, IF ANY:		<input type="checkbox"/> A petition has been filed for this unsigned inventor.	
Given Name (first and middle [if any]): Michael J.		Family Name or Surname: Robrecht	
Inventor's Signature: 		Date: 9/9/04	
Residence: Shorewood, Wisconsin	Country: USA	Citizenship: United States of America	
Mailing Address: P.O. Box 33427, St. Paul, Minnesota 55133-3427, USA			

NAME OF JOINT INVENTOR, IF ANY:		<input type="checkbox"/> A petition has been filed for this unsigned inventor.
Given Name (first and middle [if any]): Bruce A.		Family Name or Surname: Nerad
Inventor's Signature: 		Date: 7/26/04
Residence: Oakdale, Minnesota	Country: USA	Citizenship: United States of America
Mailing Address: P.O. Box 33427, St. Paul, Minnesota 55133-3427, USA		

ASSIGNMENT OF APPLICATION

Whereas I/we, the below named inventor(s), with residence and citizenship as indicated below, have made an invention in

TOUCH PANEL SPACER DOTS AND METHODS OF MAKING

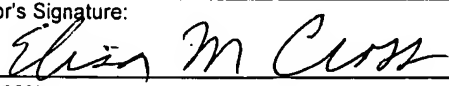

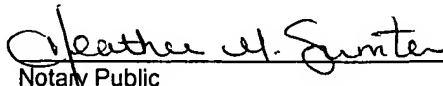
- ☐ for which an application for a United States Patent is being filed contemporaneously herewith;
- ☒ for which an application for a United States Patent identified as U.S. Patent Application No. 10/017268; was filed on December 14, 2001;
- ☐ which application is identified as PCT International Patent Application No. filed ;

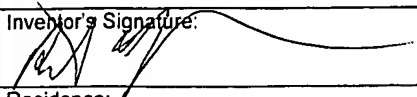
Now, therefore, for good and valuable consideration, receipt of which is acknowledged, I/we have agreed to assign and transfer and do hereby assign and transfer unto the 3M INNOVATIVE PROPERTIES COMPANY, a wholly-owned subsidiary of 3M COMPANY, and a corporation of Delaware, having its principal office at Saint Paul, Minnesota, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any division or continuation (in whole or in part) of said application, and in and to any and all improvements in the said invention made by me or made jointly with others (provided any such improvement is made during, or within one year after the termination of, my employment with 3M COMPANY and any of its existing or future subsidiaries); and in and to any and all Letters Patent, reexaminations, reissues, or extensions thereof, of the United States of America and countries foreign thereto (including the right to apply for Letters Patent, Utility Models, or Inventors' Certificates in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), which have been or may be granted thereon or on any divisional, continuation (in whole or in part), renewal, reexamination, reissue, or other or further application based in whole or in part upon the said invention or improvements thereon, to be held and enjoyed as fully and exclusively as they would have been by me/us had this assignment and transfer not been made;

I/We do further agree for myself/ourselves and for my/our heirs, executors, and administrators, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as I/we lawfully may, that may be deemed necessary by said Company, its successors, assigns, and nominees, fully to secure its right, title, and interest as aforesaid and to obtain or maintain Letters Patent, Utility Models, or Inventors' Certificates in any and all countries; and

I/We do hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of the said applications, to said 3M Innovative Properties Company, as the assignee of the entire right, title, and interest therein.


In witness whereof, I/we have signed my/our name(s) on the day and year set forth below.

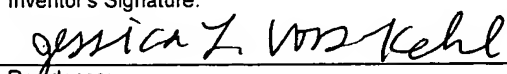
Given Name (first and middle [if any]): Elisa M.		Family Name or Surname: Cross	
Inventor's Signature: 		Date: 8/30/04	
Residence: Woodbury, Minnesota		Country: USA	Citizenship: United States of America
STATE OF MINNESOTA)) ss. COUNTY OF RAMSEY) On this <u>30th</u> day of <u>August</u> , <u>2004</u> , before me personally appeared the above-named Elisa M. Cross, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.			
(Seal) 		 Notary Public	

Given Name (first and middle [if any]): Robert S.		Family Name or Surname: Moshrefzadeh	
Inventor's Signature: 		Date: 8/18/2004	
Residence: Oakdale, Minnesota		Country: USA	Citizenship: United States of America

STATE OF MINNESOTA)
COUNTY OF RAMSEY) ss.


On this 10th day of August, 2004, before me personally appeared the above-named Robert S. Moshrefzadeh, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.

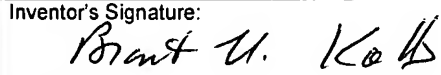
(Seal)  Heather M. Sumter
Notary Public

Given Name (first and middle [if any]): Jessica L.		Family Name or Surname: Voss-Kehl	
Inventor's Signature: 		Date: 7/15/04	
Residence: Shoreview, Minnesota		Country: USA	Citizenship: United States of America

STATE OF MINNESOTA)
COUNTY OF RAMSEY) ss.


On this 15th day of July, 2004, before me personally appeared the above-named Jessica L. Voss-Kehl, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.


(Seal)  Heather M. Sumter
Notary Public
My Commission Expires January 31, 2006


Given Name (first and middle [if any]): Brant U.		Family Name or Surname: Kolb	
Inventor's Signature: 		Date: 8/27/04	
Residence: Afton, Minnesota		Country: USA	Citizenship: United States of America


STATE OF MINNESOTA)
COUNTY OF RAMSEY) ss.

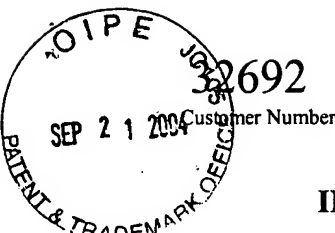
On this 2th day of August, 2004, before me personally appeared the above-named Brant U. Kolb, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.

(Seal)  Heather M. Sumter
Notary Public
My Commission Expires January 31, 2006

Given Name (first and middle [if any]): Emily S.		Family Name or Surname: Goenner	
Inventor's Signature: <i>Emily Goenner</i>		Date: 8/30/04	
Residence: Roseville, Minnesota		Country: USA	Citizenship: United States of America
STATE OF MINNESOTA)) ss. COUNTY OF RAMSEY) On this <u>30th</u> day of <u>August</u> , <u>2004</u> , before me personally appeared the above-named Emily S. Goenner, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid. (Seal)  <i>Heather M. Sumter</i> Notary Public			

Given Name (first and middle [if any]): Brian E.		Family Name or Surname: Aufderheide	
Inventor's Signature: <i>Brian E. Aufderheide</i>		Date: 9/9/04	
Residence: Cedarburg, Wisconsin		Country: USA	Citizenship: United States of America
STATE OF <u>Wisconsin</u>)) ss. COUNTY OF <u>Milwaukee</u>) On this <u>9</u> day of <u>September</u> , <u>2004</u> , before me personally appeared the above-named Brian E. Aufderheide, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid. (Seal)  <i>Heather M. Sumter</i> Notary Public			

Given Name (first and middle [if any]): Michael J.		Family Name or Surname: Robrecht	
Inventor's Signature: <i>Michael J. Robrecht</i>		Date: 9/9/04	
Residence: Shorewood, Wisconsin		Country: USA	Citizenship: United States of America
STATE OF <u>Wisconsin</u>)) ss. COUNTY OF <u>Milwaukee</u>) On this <u>9</u> day of <u>September</u> , <u>2004</u> , before me personally appeared the above-named Michael J. Robrecht, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid. (Seal)  <i>Heather M. Sumter</i> Notary Public			



Patent
Case No.: 57013US002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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SEP 30 2004

First Named Inventor: CROSS, ELISA M.

Application No.: 10/017268

Group Art Unit: 2673

Filed: December 14, 2001

Examiner:

Technology Center 2600

Title: TOUCH PANEL SPACER DOTS AND METHODS OF MAKING

**WRITTEN CONSENT OF ASSIGNEE FOR
REQUEST TO CORRECT INVENTORSHIP UNDER 37 C.F.R. § 1.48**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on:	
9-16-04	Heather M. Bundy
Date	Signed by: Heather M. Bundy

Dear Sir:

Under 37 CFR §3.73(b), 3M Innovative Properties Company, a Delaware corporation, certifies that it is the assignee of 100% of the right, title and interest in the patent application identified above by virtue of an assignment from the inventors of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel 012387, Frame 0669 on December 14, 2001 or for which a copy thereof is attached.

The undersigned, whose title is supplied below, is empowered to act on behalf of the assignee.

The undersigned, acting on behalf of the assignee, hereby consents to the addition of Bruce A. Nerad as an inventor in the above-identified patent application.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Respectfully submitted,

9-16-04
Date

By: Robert J. Pechman
Robert J. Pechman, Reg. No.: 45,002
Title: Intellectual Property Counsel

Office of Intellectual Property Counsel
3M Innovative Properties Company
Facsimile No.: 651-736-3833